| TR | RANSMITTAL O | Docket No. 001/017 (1-3) USA | | |
|----------------|---|---|---|---|
| | Re Application: | DES 1 1 2001 | | · |
| | Serial No. | Filing Date | Examiner | Group Art Unit |
| | 09/939,239 | August 24, 2001 | Not Yet Assigned | Not Yet Assigned |
| | THOD FOR CENTR | AL VENOUS LINE CATHETER Payr | HAVING A TEMPERATURE C | COTNROL |
| 2 | as described below Charge to Credit and Charge and Certificate of | mount of is attainmissioner is hereby authorized ow. A duplicate copy of this sheet amount of y overpayment. I ransmission by Facsimile* ent and authorization to charge deposition mile transmitted to the United States | Certificate of Mailing I certify that this document ar 10/22/01 with as first class mail under addressed to the Assistant Co Washington, D.C. 20231. Signature of Person M | by First Class Mail Ind fee is being deposited in the U.S. Postal Service 37 C.F.R. 1.8 and is commissioner for Patents, Mailing Correspondence |
| 1577(Irvin | Chlyn L Obs. Solution L. Alonzo, Esq. (Reg.) Laguna Canyon Rose, CA 92618 453-0150, extension | ad, Suite 150 | Dated: 22 October 29554 PATENT & TRADEMARK OFFICE | 2001 |
| cc: | | | | |

03C C

| TR | ANSMITTAL | OF INCODMATION DECE | | |
|--------|------------------------------|---|---|---------------------------------|
| | ANSWITTA | L OF INFORMATION DISCLO (Under 37 CFR 1.97(b) or 1.9 | OSURE STATEMENT 7(c)) | Docket No. 001/017 (1-3) USA |
| In Re | Application Of: | OTE | | |
| EVA | NS et al. | DET: 1 13 2001 | | |
| } | Serial No. | Filing Date | Examiner | Group Art Unit |
| | 09/939,239 | 771AD August 24, 2001 | Not Yet Assigned | · · |
| Title: | | | | Not Yet Assigned |
| | | | | |
| SYST | HOD FOR CEN EM | TRAL VENOUS LINE CATHETER | HAVING A TEMPERATURE CO | TNROL |
| | | Assistant Com | Idress to: missioner for Patents ton, D.C. 20231 | |
| | | 37 CI | FR 1.97(b) | |
| 1. 🛛 | The Informati | on Disclosure Statement submitted | | |
| | three months application; be | application other than a continued of the date of entry of the national efore the mailing of a first Office Active filing of a request for continued ex | prosecution application under 37 stage as set forth in 37 CFR 1.49 ion on the morite, as before the | CFR 1.53(d); within |
| | | | FR 1.97(c) | |
| 2. | Final Action L | on Disclosure Statement submitted I provided that the Information Disclounder 37 CFR 1.113, a Notice of es prosecution in the application, and | Allowance under 27 CFB 4 244 | |
| | ☐ the state | ement specified in 37 CFR 1.97(e); | · | |
| | | OR | | |
| | ☐ the fee s | set forth in 37 CFR 1.17(p). | | |
| | | | | |
| | | | | |
| | • | | | į |
| | | | | |
| | | | | |
| | | | - | |
| | | | | |
| | | | | |
| | | | | į |
| | | | | |

Substitute for form 1449/PTO

Approved for use through 10/31/2002, OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control Number

INFORMATION DISCLOSURE STATEMENT BY APPLICATION

(use as many sheets as necessary)

Complete if Known **Application Number** 09/939,239 Filing Date August 24, 2001 First Named Inventor EVANS, Scott M. Group Art Number Not Yet Assigned **Examiner Name** Not Yet Assigned Attorney Docket Number 001/017 (1-3) USA

| Note: | | | | S. PATENT DOCUMENTS | | |
|-----------------------|--------------|----------------|-----------------------------------|--|--|---|
| Examiner Initials* | Cite No.1 | U.S. Patent Do | Kind Code ² (if known) | Name of Patentee of Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pates, Columns, Lines. Where Relevant Passages or Relevant Figures Appear |
| | | 2,876,769 | | Cordova, Jose Juan | 3/10/1959 | |
| | | 4,736,748 | | Nakamura et al. | 4/12/1988 | |
| | | 4,907,589 | | Cosman | 3/13/1990 | |
| | | 5,059,167 | | Lundquist et al. | 10/22/1991 | |
| - | | 5,346,508 | | Hastings | 9/13/1994 | |
| | | 5,433,740 | | Yamaguchi, Seiji | 7/18/1995 | |
| | <u> </u> | 5,628,771 | | Mizukawa et al. | 5/13/1997 | |
| | | 5,702,358 | | Witherspoon, Leland, et al. | 12/30/1997 | |
| | i | 5,758,505 | | Dobak, III et al. | 6/02/1998 | |
| | | 5,863,654 | | Frey et al. | 1/26/1999 | |
| | | 5,871,526 | | Gibbs et al. | 2/16/1999 | |
| | | 5,879,316 | | Safar et al. | 3/09/1999 | |
| | | 5,975,081 | | Hood et al. | 11/02/1999 | |
| | | 6,042,559 | | Dobak, III | 3/28/2000 | |
| | | 6,093,199 | | Brown et al. | 7/25/2000 | |
| | <u> </u> | 6,231,594 B1 | | Dae | 5/15/2001 | |
| | , | 09/305,613 | | Aliberto et al. | App. Pending | |
| | | 09/396,200 | | Balding | App Pending | |
| | | 09/413,753 | | Evans et al. | App Pending | |
| | | 09/427,745 | | Pham et al. | App Pending | |

| | | | | FC | REIGN | PATENT DOCUMENTS | | | |
|-----------------------|--------------|-------------------------|---------------------|----|----------------------------|---|----------|--|----------|
| | I | Foreign Patent Document | | | Date of Publication | Pages, Columns, Lines, | | | |
| Examiner Initials* | Cite No.1 | Office ³ | Number ⁴ | | Code ⁵ nown) | Name of Patentee or of Cited Document Where Relevant Pa | | Where Relevant Passages or Relevant Figures Appear | Le |
| | | | | | | | | | <u> </u> |
| <u>.</u> . | | | | | | | | | - |
| | | | | | - | | <u> </u> | | |
| | | | | | | | | | |
| | | | <u>. –</u> | | | | | | \vdash |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Examiner | Date | (00) |
|-----------|------------|------|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2See attached Kinds of U.S. Patent Documents. 3Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| | Under the Paperwork Reduction Act of 1995, no persons required to respond to a conection amorniation unless it contains a valid own control relines | | | | | | | |
|--------------------------|---|---------------|------|------------------------|-------------------|--|--|--|
| | | | | | Complete if Known | | | |
| Substitu | te for form 1449/PTO | | | Application Number | 09/939,239 | | | |
| INFO | RMATION [| DISCLO | SURE | Filing Date | August 24, 2001 | | | |
| STATEMENT BY APPLICATION | | | | First Named Inventor | EVANS, Scott M. | | | |
| | | | | Group Art Number | Not Yet Assigned | | | |
| | (use as many she | ets as necess | ary) | Examiner Name | Not Yet Assigned | | | |
| Sheet | 2 | of | 3 | Attorney Docket Number | 001/017 (1-3) USA | | | |

| ·6 | | | U.S | S. PATENT DOCUMENTS | | |
|-------------------|--------------|-------------------------|-----|--|--|---|
| Examiner Initials | Cite No.1 | U.S. Patent I Number | | Name of Patentee of Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pates, Columns, Lines. Where Relevant Passages or Relevant Figures Appear |
|) Y | | 09/697,667 | | Noda et al. | App Pending | |
| #2/ | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | 19 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| - | | | | | | |
| | | | | | | |
| | | | | | | |
| | | - | | | | |

| | | | | FO | REIGN | PATENT DOCUMENTS | | | |
|-----------------------|--------------|---------------------|---------------------|-------------------------|---------------------------|--|---------------------------------|-----------------------------|----------------|
| | | 0 | | Foreign Patent Document | | Name of Detector or | Date of Publication | Pages, Columns, Lines, | |
| Examiner Initials* | Cite No.1 | Office ³ | Number ⁴ | | Code ⁵ own) | Name of Patentee or Application of Cited Document | of Cited Document MM-DD-YYYY | ent Where Relevant Passages | L _e |
| | | EP | 0352 955 A2 | | | Son-Chou et al. | 1/31/1990 | | |
| | | SU | 848031 | | | Yarmarkov et al. | 10/26/1979 | | |
| | | wo | 84/02839 | | | Marchosky et al. | 8/02/1984 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

PTO/SB08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control Number

| | | Complete if Known |
|-----------------------------------|------------------------|-------------------|
| Substitute for form 1449/PTO | Application Number | 09/939,239 |
| INFORMATION DISCLOSURE | Filing Date | August 24, 2001 |
| STATEMENT BY APPLICATION | First Named Inventor | EVANS, Scott M. |
| STATEMENT BY ALL LIOATION | Group Art Number | Not Yet Assigned |
| (use as many sheets as necessary) | Examiner Name | Not Yet Assigned |
| Sheet of 3 | Attorney Docket Number | 001/017 (1-3) USA |

| | 70 | 10 | |
|--------------------|---------|--|----|
| | | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | |
| Examiner Initials* | Cite DE | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the I tem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | L5 |
| | CATE | tem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. 7EMET AL. Organ Hyperthermia: Experimental Selective Perfusion, R Am J Roentgenol, 1981 Aug, 137(2):363-367 | |
| | | JENKINS ET AL., Postbypass Hypothermia and its Relationship to the Energy Balance of Cardiopulmonary Bypass, Journal of Cardiothoracic and Vascular Anesthesia, 1991 Apr, 5(2):135-138 | |
| | | WRIGHT et al., Hypothermia Controlled Reperfusion: Two Non-Pharmacologic Methods Which Dimish Ischemia-Reperfusion Injury in Skeletal Muscle, <i>Microcirc. Endoth. Lymphatics</i> , 1989 Jun-Oct, 5(3-5):315-334 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.